

Executive Summary – Enforcement Matter – Case No. 48619
The Premcor Refining Group Inc.
RN102584026
Docket No. 2014-0630-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media:

AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

Valero Port Arthur Refinery, 1801 South Gulfway Drive, Port Arthur, Jefferson County

Type of Operation:

Petroleum refinery

Other Significant Matters:

Additional Pending Enforcement Actions: Yes, Docket Nos. 2011-2300-AIR-E, 2013-0839-AIR-E, 2014-0465-AIR-E and 2014-0903-AIR-E

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: October 10, 2014

Comments Received: No

Penalty Information

Total Penalty Assessed: \$41,250

Amount Deferred for Expedited Settlement: \$8,250

Amount Deferred for Financial Inability to Pay: \$0

Total Paid to General Revenue: \$16,500

Total Due to General Revenue: \$0

Payment Plan: N/A

SEP Conditional Offset: \$16,500

Name of SEP: Southeast Texas Regional Planning Commission (Third-Party Pre-Approved)

Compliance History Classifications:

Person/CN - Satisfactory

Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: April 2014

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Docket No. 2014-0630-AIR-E

Investigation Information

Complaint Date(s): N/A

Complaint Information: N/A

Date(s) of Investigation: February 10, 2014, February 28, 2014, and March 18, 2014

Date(s) of NOE(s): April 7, 2014, April 10, 2014, and April 16, 2014

Violation Information

1. Failed to prevent unauthorized emissions. Specifically, the Respondent released 28.89 pounds ("lbs") of sulfur dioxide ("SO₂"), 985.76 lbs of volatile organic compounds ("VOC"), 0.06 lb of particulate matter ("PM"), 14,124.99 lbs of carbon monoxide ("CO"), 1.11 lbs of nitrogen oxides ("NO_x"), and 3.82 lbs of hydrogen sulfide ("H₂S") during an emissions event (Incident No. 185296) that began on July 9, 2013 and lasted 55 hours and 53 minutes. These emissions were released from Emissions Point Numbers ("EPNs") F-103-FLARE, F-19-FLARE, F-22-FLARE, F-1241, and E-01-WGS. The event occurred when the Fluid Catalytic Cracking Unit 1241 shut down due to an upset during unit restart. The lost power to the main slide valve breaker closed all side valves, after which power was quickly restored. However, restart of the unit was unsuccessful, during which time the bottom cone of the Fractionator tower became plugged with coke and water causing the tower to overpressure. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), Federal Operating Permit ("FOP") No. 01498, Special Terms and Conditions ("STC") No. 18, and New Source Review Permit ("NSRP") Nos. 6825A, PSDTX49, and N65, Special Conditions ("SC") No. 1].

2. Failed to prevent unauthorized emissions. Specifically, the Respondent released 13,252 lbs of SO₂, 190.09 lbs of VOC, 18 lbs of PM, 267 lbs of CO, 32 lbs of NO_x, and 144 lbs of H₂S during an emissions event (Incident No. 189180) that occurred on October 6, 2013 and lasted seven hours and 30 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to a malfunction with Turbine K-2300B that resulted in thrusting and eventual shutdown of Wet Gas Compressor ("WGC") K-2300B. Flaring of excess wet gas occurred intermittently and the cause of the thrust bearing failure was due to the loss of lubrication film from water on the thrust bearing. Since this event could have been avoided by better operation and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), FOP No. 01498, STC No. 18, and NSRP Nos. 6825A, PSDTX49, and N65, SC No. 1].

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3. Failed to prevent unauthorized emissions. Specifically, the Respondent released 8,020.00 lbs of SO₂, 48.77 lbs of VOC, 7.80 lbs of PM, 203.40 lbs of CO, 25.40 lbs of NO_x, and 87.10 lbs of H₂S during an emissions event (Incident No. 190030) that occurred on October 27, 2013 and lasted three hours and 31 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to the surging of WGC K-2300B which resulted in intermittent flaring. The suspected cause of the surging is slight sticking of the actuator linkage. Excessive sticking and friction in the power piston actuator caused the compressor suction to build pressure that resulted in flaring. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222 [30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), FOP No. 01498, STC No. 18, and NSRP Nos. 6825A, PSDTX49, and N65, SC No. 1].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

The Respondent has implemented the following corrective measures:

- a. In order to prevent similar emissions events as Incident No. 185296:
 - i. On September 19, 2013, clarified operating procedure language to use a portable temperature gun to shoot the Fractionator bottom line (located between TP1295A and TP1295B) and to verify the temperature is close to the Fractionator cone temperature (TI1208); modified operating procedures which included checking skin cone temperatures and adding the Fractionator bottom temperature indicator ("TI") number and the Fractionator cone TI number to the operating procedure; and added red "Warning" boxes explaining the dangers of water in the bottom of the tower and its importance to monitor the Fractionator cone temperature versus the Fractionator bottom temperature;
 - ii. On November 1, 2013, issued a high learning value event bulletin emphasizing the dangers and potential damage of free water in hot tower services; and
 - iii. On December 18, 2013, initiated an engineering work request to perform the engineering evaluation of the Fractionator design.
- b. On January 22, 2014, repaired and conducted functionality testing of the K-2300B speed control system and replaced the K-2300A speed control system with the refurbished speed control system that was on the K-2300B Compressor in order to prevent similar emissions events as Incident No. 190030.

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Technical Requirements:

1. The Order will require the Respondent to implement and complete a Supplemental Environmental Project ("SEP"). (See SEP Attachment A)
2. The Order will also require the Respondent to:
 - a. Within 30 days, implement measures and/or procedures designed to prevent recurrence of emissions events due to similar causes as Incident No. 189180; and
 - b. Within 45 days, submit written certification to demonstrate compliance with Ordering Provision a.

Litigation Information

Date Petition(s) Filed: N/A
Date Answer(s) Filed: N/A
SOAH Referral Date: N/A
Hearing Date(s): N/A
Settlement Date: N/A

Contact Information

TCEQ Attorney: N/A
TCEQ Enforcement Coordinator: Rajesh Acharya, Enforcement Division, Enforcement Team 4, MC 149, (512) 239-0577; Candy Garrett, Enforcement Division, MC 219, (512) 239-1456
TCEQ SEP Coordinator: Stuart Beckley, SEP Coordinator, Enforcement Division, MC 219, (512) 239-3565
Respondent: J. Greg Gentry, Vice President and General Manager, The Premcor Refining Group Inc., P.O. Box 909, Port Arthur, Texas 77641-0909
Respondent's Attorney: N/A

Attachment A
Docket Number: 2014-0630-AIR-E
SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	The Premcor Refining Group Inc.
Penalty Amount:	Thirty-Three Thousand Dollars (\$33,000)
SEP Offset Amount:	Sixteen Thousand Five Hundred Dollars (\$16,500)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Southeast Texas Regional Planning Commission
Project Name:	<i>West Port Arthur Home Energy Efficiency Program - Lighthouse Program</i>
Location of SEP:	Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Southeast Texas Regional Planning Commission** for the *West Port Arthur Home Energy Efficiency Program - Lighthouse Program* Project. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to hire a contractor to conduct initial inspections of eligible applicants' homes. The inspections will determine whether the home is in a condition suitable for weatherization and energy efficiency upgrades. Upgrades will not be completed at homes that need new roofs or significant foundation work. The contractor shall also determine what weatherization and energy efficiency upgrades are necessary and appropriate for the home and write a work plan. This contractor shall also conduct the final inspection of the home after the work is completed.

The Third-Party Administrator will conduct eligibility determinations to verify that participants own their homes and qualify as low-income. The Third-Party Administrator will also prepare all contracts with contractors and homeowners; coordinate between the contractors and the homeowners to answer questions; ensure that work is done timely and properly; and arrange for any necessary repairs to new equipment under the 12-

The Premcor Refining Group Inc.
Agreed Order - Attachment A

month warranty period after work is completed. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used for the direct cost of implementing the Project, including, but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that the Respondent has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

Implementation of this Project will benefit air by reducing residential fuel and electricity usage for heating and cooling. These reductions, in turn, will reduce emissions of particulate matter, volatile organic compounds, and the nitrogen oxides associated with the combustion of fuel and the generation of electricity. Past energy audits have shown a 12-30% reduction in energy usages after completion of the weatherization and energy upgrades.

c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Southeast Texas Regional Planning Commission SEP** and shall mail the contribution with a copy of the Agreed Order to:

Southeast Texas Regional Planning Commission
Attention: Pamela Lewis, Program Manager
2210 Eastex Freeway
Beaumont, Texas 77703

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, the Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of the Respondent must include a clear statement that **the project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Attachment A and in the attached Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.



Policy Revision 4 (April 2014)

Penalty Calculation Worksheet (PCW)

PCW Revision March 26, 2014

TCEQ

DATES	Assigned	22-Apr-2014	Screening	29-Apr-2014	EPA Due	11-Jan-2015
	PCW	29-Apr-2014				

RESPONDENT/FACILITY INFORMATION

Respondent	The Premcor Refining Group Inc.				
Reg. Ent. Ref. No.	RN102584026				
Facility/Site Region	10-Beaumont		Major/Minor Source	Major	

CASE INFORMATION

Enf./Case ID No.	48619	No. of Violations	3
Docket No.	2014-0630-AIR-E	Order Type	1660
Media Program(s)	Air	Government/Non-Profit	No
Multi-Media		Enf. Coordinator	Rajesh Acharya
		EC's Team	Enforcement Team 4
Admin. Penalty \$ Limit Minimum	\$0	Maximum	\$25,000

Penalty Calculation Section

TOTAL BASE PENALTY (Sum of violation base penalties) **Subtotal 1** **\$22,500**

ADJUSTMENTS (+/-) TO SUBTOTAL 1

Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage.

Compliance History **100.0%** Enhancement **Subtotals 2, 3, & 7** **\$22,500**

Notes: Enhancement for six NOV's with same/similar violations, seven orders with a denial of liability, and one court order with a denial of liability. Reduction for seven Notices of Audit, two Disclosures of Violations, and one Environmental Management System.

Culpability **No** **0.0%** Enhancement **Subtotal 4** **\$0**

Notes: The Respondent does not meet the culpability criteria.

Good Faith Effort to Comply Total Adjustments **Subtotal 5** **-\$3,750**

Economic Benefit **0.0%** Enhancement* **Subtotal 6** **\$0**

Total EB Amounts **\$1,095**
Approx. Cost of Compliance **\$40,000**
*Capped at the Total EB \$ Amount

SUM OF SUBTOTALS 1-7 **Final Subtotal** **\$41,250**

OTHER FACTORS AS JUSTICE MAY REQUIRE **0.0%** **Adjustment** **\$0**

Reduces or enhances the Final Subtotal by the indicated percentage.

Notes

Final Penalty Amount **\$41,250**

STATUTORY LIMIT ADJUSTMENT **Final Assessed Penalty** **\$41,250**

DEFERRAL **20.0%** Reduction **Adjustment** **-\$8,250**

Reduces the Final Assessed Penalty by the indicated percentage. (Enter number only; e.g. 20 for 20% reduction.)

Notes

Deferral offered for expedited settlement.

PAYABLE PENALTY **\$33,000**

Screening Date 29-Apr-2014

Docket No. 2014-0630-AIR-E

PCW

Respondent The Premcor Refining Group Inc.

Policy Revision 4 (April 2014)

Case ID No. 48619

PCW Revision March 26, 2014

Reg. Ent. Reference No. RN102584026

Media [Statute] Air

Enf. Coordinator Rajesh Acharya

Compliance History Worksheet

>> Compliance History Site Enhancement (Subtotal 2)

Component	Number of...	Enter Number Here	Adjust.
NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	6	30%
	Other written NOVs	0	0%
Orders	Any agreed final enforcement orders containing a denial of liability (<i>number of orders meeting criteria</i>)	7	140%
	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	0	0%
Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (<i>number of judgments or consent decrees meeting criteria</i>)	1	30%
	Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%
Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%
Emissions	Chronic excessive emissions events (<i>number of events</i>)	0	0%
Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which notices were submitted</i>)	7	-7%
	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (<i>number of audits for which violations were disclosed</i>)	2	-4%
Please Enter Yes or No			
Other	Environmental management systems in place for one year or more	Yes	-10%
	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%
	Participation in a voluntary pollution reduction program	No	0%
	Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%

Adjustment Percentage (Subtotal 2) 179%

>> Repeat Violator (Subtotal 3)

No

Adjustment Percentage (Subtotal 3) 0%

>> Compliance History Person Classification (Subtotal 7)

Satisfactory Performer

Adjustment Percentage (Subtotal 7) 0%

>> Compliance History Summary

Compliance History Notes

Enhancement for six NOVs with same/similar violations, seven orders with a denial of liability, and one court order with a denial of liability. Reduction for seven Notices of Audit, two Disclosures of Violations, and one Environmental Management System.

Total Compliance History Adjustment Percentage (Subtotals 2, 3, & 7) 179%

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 100%

Screening Date 29-Apr-2014

Docket No. 2014-0630-AIR-E

PCW

Respondent The Premcor Refining Group Inc.

Policy Revision 4 (April 2014)

Case ID No. 48619

PCW Revision March 26, 2014

Reg. Ent. Reference No. RN102584026

Media [Statute] Air

Enf. Coordinator Rajesh Acharya

Violation Number 1

Rule Cite(s)

30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), Tex. Health & Safety Code § 382.085(b), Federal Operating Permit ("FOP") No. O1498, Special Terms and Conditions ("STC") No. 18, and New Source Review Permit ("NSRP") Nos. 6825A, PSDTX49, and N65, Special Conditions ("SC") No. 1

Violation Description

Failed to prevent unauthorized emissions. Specifically, the Respondent released 28.89 pounds ("lbs") of sulfur dioxide ("SO₂"), 985.76 lbs of volatile organic compounds ("VOC"), 0.06 lb of particulate matter ("PM"), 14,124.99 lbs of carbon monoxide ("CO"), 1.11 lbs of nitrogen oxides ("NO_x"), and 3.82 lbs of hydrogen sulfide ("H₂S") during an emissions event (Incident No. 185296) that began on July 9, 2013 and lasted 55 hours and 53 minutes. These emissions were released from Emissions Point Numbers ("EPNs") F-103-FLARE, F-19-FLARE, F-22-FLARE, F-1241, and E-01-WGS. The event occurred when the Fluid Catalytic Cracking Unit 1241 shut down due to an upset during unit restart. The lost power to the main slide valve breaker closed all side valves, after which power was quickly restored. However, restart of the unit was unsuccessful, during which time the bottom cone of the fractionator tower became plugged with coke and water causing the tower to overpressure. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Major	Moderate	Minor
Actual		x	
Potential			

Percent 30.0%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment has been exposed to significant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 1

2 Number of violation days

mark only one with an x

daily	
weekly	
monthly	x
quarterly	
semiannual	
annual	
single event	

Violation Base Penalty \$7,500

One monthly event is recommended.

Good Faith Efforts to Comply

25.0% Reduction

\$1,875

Before NOV NOV to EDPRP/Settlement Offer

Extraordinary	
Ordinary	x
N/A	(mark with x)

Notes

The Respondent came into compliance on December 18, 2013, before the Notice of Enforcement ("NOE") dated April 16, 2014.

Violation Subtotal \$5,625

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$333

Violation Final Penalty Total \$13,125

This violation Final Assessed Penalty (adjusted for limits) \$13,125

Economic Benefit Worksheet

Respondent The Premcor Refining Group Inc.
Case ID No. 48619
Reg. Ent. Reference No. RN102584026
Media Air
Violation No. 1

Percent Interest 5.0
Years of Depreciation 15

Item Cost **Date Required** **Final Date** **Yrs** **Interest Saved** **Onetime Costs** **EB Amount**
Item Description No commas or \$

Delayed Costs

Equipment			0.00	\$0	\$0	\$0
Buildings			0.00	\$0	\$0	\$0
Other (as needed)			0.00	\$0	\$0	\$0
Engineering/Construction			0.00	\$0	\$0	\$0
Land			0.00	\$0	n/a	\$0
Record Keeping System			0.00	\$0	n/a	\$0
Training/Sampling			0.00	\$0	n/a	\$0
Remediation/Disposal			0.00	\$0	n/a	\$0
Permit Costs			0.00	\$0	n/a	\$0
Other (as needed)	\$15,000	9-Jul-2013	18-Dec-2013	0.44	\$333	\$333

Notes for DELAYED costs

Estimated cost to perform the engineering evaluation, to modify operating procedures, and to issue a high learning value event bulletin emphasizing the dangers and potential damage of free water in hot tower services, in order to prevent recurrence of emissions events due to similar causes as Incident No. 185296. Date Required is the date of the emissions event. Final Date is the date of compliance.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal			0.00	\$0	\$0	\$0
Personnel			0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling			0.00	\$0	\$0	\$0
Supplies/Equipment			0.00	\$0	\$0	\$0
Financial Assurance [2]			0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]			0.00	\$0	\$0	\$0
Other (as needed)			0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$15,000

TOTAL

\$333

Screening Date 29-Apr-2014
Respondent The Premcor Refining Group Inc.
Case ID No. 48619
Reg. Ent. Reference No. RN102584026
Media [Statute] Air
Enf. Coordinator Rajesh Acharya

Docket No. 2014-0630-AIR-E

PCW

Policy Revision 4 (April 2014)
PCW Revision March 26, 2014

Violation Number 2

Rule Cite(s)

30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4),
Tex. Health & Safety Code § 382.085(b), FOP No. O1498, STC No. 18, and NSRP
Nos. 6825A, PSDTX49, and N65, SC No. 1

Violation Description

Failed to prevent unauthorized emissions. Specifically, the Respondent released 13,252 lbs of SO₂, 190.09 lbs of VOC, 18 lbs of PM, 267 lbs of CO, 32 lbs of NO_x, and 144 lbs of H₂S during an emissions event (Incident No. 189180) that occurred on October 6, 2013 and lasted seven hours and 30 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to a malfunction with Turbine K-2300B that resulted in thrusting and eventual shutdown of Wet Gas Compressor ("WGC") K-2300B. Flaring of excess wet gas occurred intermittently and the cause of the thrust bearing failure was due to the loss of lubrication film from water on the thrust bearing. Since this event could have been avoided by better operation and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm		
	Major	Moderate	Minor
Actual		x	
Potential			

Percent 30.0%

>> Programmatic Matrix

Falsification			
	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment has been exposed to significant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 1

1 **Number of violation days**

mark only one with an x	daily	
	weekly	
	monthly	x
	quarterly	
	semiannual	
	annual	
	single event	

Violation Base Penalty \$7,500

One monthly event is recommended.

Good Faith Efforts to Comply

0.0% Reduction

\$0

Before NOV NOV to EDP RP/Settlement Offer

Extraordinary		
Ordinary		
N/A	x	(mark with x)

Notes

The Respondent does not meet the good faith criteria for this violation.

Violation Subtotal \$7,500

Economic Benefit (EB) for this violation

Statutory Limit Test

Estimated EB Amount \$584

Violation Final Penalty Total \$15,000

This violation Final Assessed Penalty (adjusted for limits) \$15,000

Economic Benefit Worksheet

Respondent The Premcor Refining Group Inc.
Case ID No. 48619
Reg. Ent. Reference No. RN102584026
Media Air
Violation No. 2

Percent Interest 5.0
Years of Depreciation 15

Item Cost **Date Required** **Final Date** **Yrs** **Interest Saved** **Onetime Costs** **EB Amount**
Item Description No commas or \$

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	6-Oct-2013	6-Dec-2014	1.17	\$584	n/a	\$584

Notes for DELAYED costs

Estimated cost to implement measures and/or procedures to prevent recurrence of emissions events due to similar causes as Incident No. 189180. Date Required is the date of the emissions event. Final Date is the estimated date of compliance.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal			0.00	\$0	\$0	\$0
Personnel			0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling			0.00	\$0	\$0	\$0
Supplies/Equipment			0.00	\$0	\$0	\$0
Financial Assurance [2]			0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]			0.00	\$0	\$0	\$0
Other (as needed)			0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$10,000

TOTAL

\$584

Screening Date 29-Apr-2014

Docket No. 2014-0630-AIR-E

PCW

Respondent The Premcor Refining Group Inc.

Policy Revision 4 (April 2014)

Case ID No. 48619

PCW Revision March 26, 2014

Reg. Ent. Reference No. RN102584026

Media [Statute] Air

Enf. Coordinator Rajesh Acharya

Violation Number 3

Rule Cite(s)

30 Tex. Admin. Code §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), Tex. Health & Safety Code § 382.085(b), FOP No. O1498, STC No. 18, and NSRP Nos. 6825A, PSDTX49, and N65, SC No. 1

Violation Description

Failed to prevent unauthorized emissions. Specifically, the Respondent released 8,020.00 lbs of SO₂, 48.77 lbs of VOC, 7.80 lbs of PM, 203.40 lbs of CO, 25.40 lbs of NO_x, and 87.10 lbs of H₂S during an emissions event (Incident No. 190030) that occurred on October 27, 2013 and lasted three hours and 31 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to the surging of WGC K-2300B which resulted in intermittent flaring. The suspected cause of the surging is slight sticking of the actuator linkage. Excessive sticking and friction in the power piston actuator caused the compressor suction to build pressure that resulted in flaring. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

Base Penalty \$25,000

>> Environmental, Property and Human Health Matrix

OR

Release	Harm		
	Major	Moderate	Minor
Actual		x	
Potential			

Percent 30.0%

>> Programmatic Matrix

Falsification	Major	Moderate	Minor

Percent 0.0%

Matrix Notes

Human health or the environment has been exposed to significant amounts of pollutants which do not exceed levels that are protective of human health or environmental receptors as a result of the violation.

Adjustment \$17,500

\$7,500

Violation Events

Number of Violation Events 1

1 Number of violation days

mark only one with an x	daily	
	weekly	
	monthly	x
	quarterly	
	semiannual	
	annual	
	single event	

Violation Base Penalty \$7,500

One monthly event is recommended.

Good Faith Efforts to Comply

25.0% Reduction

\$1,875

	Before NOV	NOV to EDPRP/Settlement Offer
Extraordinary		
Ordinary	x	
N/A		(mark with x)

Notes

The Respondent came into compliance on January 22, 2014, before the NOE dated April 10, 2014.

Violation Subtotal \$5,625

Economic Benefit (EB) for this violation

Estimated EB Amount \$179

Statutory Limit Test

Violation Final Penalty Total \$13,125

This violation Final Assessed Penalty (adjusted for limits) \$13,125

Economic Benefit Worksheet

Respondent The Premcor Refining Group Inc.
Case ID No. 48619
Reg. Ent. Reference No. RN102584026
Media Air
Violation No. 3

Percent Interest	Years of Depreciation
5.0	15

Item Description	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Onetime Costs	EB Amount
No commas or \$							

Delayed Costs

Equipment				0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs				0.00	\$0	n/a	\$0
Other (as needed)	\$15,000	27-Oct-2013	22-Jan-2014	0.24	\$179	n/a	\$179

Notes for DELAYED costs

Estimated cost to repair, conduct functionality testing, and replace the speed control system of WGC K-2300B. Date Required is the date the emissions event began. Final Date is the date of compliance.

Avoided Costs

ANNUALIZE [1] avoided costs before entering item (except for one-time avoided costs)

Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance [2]				0.00	\$0	\$0	\$0
ONE-TIME avoided costs [3]				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0

Notes for AVOIDED costs

Approx. Cost of Compliance

\$15,000

TOTAL

\$179



TCEQ Compliance History Report

PUBLISHED Compliance History Report for CN601420748, RN102584026, Rating Year 2013 which includes Compliance History (CH) components from September 1, 2008, through August 31, 2013.

Customer, Respondent, or Owner/Operator:	CN601420748, The Premcor Refining Group Inc.	Classification: SATISFACTORY	Rating: 41.48
Regulated Entity:	RN102584026, VALERO PORT ARTHUR REFINERY	Classification: SATISFACTORY	Rating: 55.00
Complexity Points:	30	Repeat Violator:	NO
CH Group:	02 - Oil and Petroleum Refineries		
Location:	1801 SOUTH GULFWAY DR PORT ARTHUR, TX 77640-4416, JEFFERSON COUNTY		
TCEQ Region:	REGION 10 - BEAUMONT		

ID Number(s):

AIR OPERATING PERMITS PERMIT 3423
AIR OPERATING PERMITS PERMIT 1498
AIR OPERATING PERMITS PERMIT 2228
INDUSTRIAL AND HAZARDOUS WASTE EPA ID TXD008090409
INDUSTRIAL AND HAZARDOUS WASTE PERMIT 50350
AIR NEW SOURCE PERMITS PERMIT 6825A
AIR NEW SOURCE PERMITS REGISTRATION 12553A
AIR NEW SOURCE PERMITS REGISTRATION 13698A
AIR NEW SOURCE PERMITS ACCOUNT NUMBER JE0042B
AIR NEW SOURCE PERMITS EPA PERMIT N65
AIR NEW SOURCE PERMITS REGISTRATION 84929
AIR NEW SOURCE PERMITS PERMIT 86757
AIR NEW SOURCE PERMITS REGISTRATION 91727
AIR NEW SOURCE PERMITS REGISTRATION 94365
AIR NEW SOURCE PERMITS REGISTRATION 103875
AIR NEW SOURCE PERMITS REGISTRATION 118687
AIR NEW SOURCE PERMITS REGISTRATION 114829

AIR EMISSIONS INVENTORY ACCOUNT NUMBER JE0042B

AIR OPERATING PERMITS ACCOUNT NUMBER JE0042B
AIR OPERATING PERMITS PERMIT 2227
AIR OPERATING PERMITS PERMIT 2229
INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE REGISTRATION # (SWR) 30004
AIR NEW SOURCE PERMITS REGISTRATION 17038
AIR NEW SOURCE PERMITS REGISTRATION 12454A
AIR NEW SOURCE PERMITS REGISTRATION 13635A
AIR NEW SOURCE PERMITS REGISTRATION 28778
AIR NEW SOURCE PERMITS AFS NUM 4824500004
AIR NEW SOURCE PERMITS PERMIT 80812
AIR NEW SOURCE PERMITS REGISTRATION 84905
AIR NEW SOURCE PERMITS REGISTRATION 87917
AIR NEW SOURCE PERMITS REGISTRATION 91911
AIR NEW SOURCE PERMITS EPA PERMIT PSDTX49M1
AIR NEW SOURCE PERMITS REGISTRATION 112591
AIR NEW SOURCE PERMITS REGISTRATION 109221
IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION # (SWR) 30004
POLLUTION PREVENTION PLANNING ID NUMBER P00987

Compliance History Period: September 01, 2008 to August 31, 2013 **Rating Year:** 2013 **Rating Date:** 09/01/2013

Date Compliance History Report Prepared: April 28, 2014

Agency Decision Requiring Compliance History: Enforcement

Component Period Selected: April 28, 2009 to April 28, 2014

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name:

Rajesh Acharya **Phone:** (512) 239-0577

Site and Owner/Operator History:

- | | |
|--|-----|
| 1) Has the site been in existence and/or operation for the full five year compliance period? | YES |
| 2) Has there been a (known) change in ownership/operator of the site during the compliance period? | NO |
| 3) If YES for #2, who is the current owner/operator? | N/A |
| 4) If YES for #2, who was/were the prior owner(s)/operator(s)? | N/A |
| 5) If YES , when did the change(s) in owner or operator occur? | N/A |

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

- 1 Effective Date: 06/01/2009 ADMINORDER 2008-1043-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 5C THSC Chapter 382 382.085(b)
Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT
 O-01498, GENERAL CONDITIONS OP
Description: Failed to prevent the release of unauthorized contaminants into the atmosphere.
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 5C THSC Chapter 382 382.085(b)
Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT
 O-01498, GENERAL CONDITIONS OP
Description: Failed to prevent the release of unauthorized contaminants into the atmosphere.
- 2 Effective Date: 08/31/2009 ADMINORDER 2009-0151-AIR-E (1660 Order-Agreed Order With Denial)
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT
 O-01498, GENERAL CONDITIONS OP
Description: Failed to prevent unauthorized emissions during Incident No. 108928.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT
 O-01498, GENERAL CONDITIONS OP
Description: Failed to prevent unauthorized emissions during Incident No. 111065.
Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT
 O-01498, GENERAL CONDITIONS OP
Description: Failed to prevent unauthorized emissions during Incident No. 113023.
- 3 Effective Date: 09/23/2009 COURTORDER (Final Judgement-Agreed Order With Denial)
Classification: Moderate
Citation: 5C THSC Chapter 382 382.085
Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about April 4, 2003, referred to as investigation no. 28570. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 44442, 44448, 44454, 44459, 44462, 44472, 44477, 44496, 44498, 44512, 44517, 44519, 44532, 44535, 44550, 44557
Classification: Moderate
Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
 5C THSC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption No. 88 PA

Description: Failure to satisfy the condition of a standard exemption.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption 88 PA

Description: Failure to meet the conditions of a standard exemption.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption 88 PA

Description: Failure to meet the conditions of a standard exemption.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption 88 PA

Description: Failure to meet the conditions of a standard exemption.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)
30 TAC Chapter 116, SubChapter B 116.115(c)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:5215A, SC1 PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC19 PERMIT
PSD-TX-49, SC 19 PERMIT

Description: Failure to comply with requirements of a permit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit, 6825A SC 5B PERMIT
PSD-TX-49, SC5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.
Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT
PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption No. 88 PA

Description: Failure to satisfy the condition of a standard exemption.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.110(a)(4)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Standard Exemption No. 88 PA

Description: Failure to meet the conditions of a standard exemption.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT

PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.110(a)(4)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT

PSD-TX-49, SC 5 PERMIT

Standard Exemption No. 88 PA

Description: Failure to maintain emission rate below allowable limit and meet the conditions of a standard exemption.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Flexible Permit 6825A, SC 5B PERMIT

PSD-TX-49, SC 5B PERMIT

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085(a)

Description: Failure to prevent unauthorized emissions.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(b)(2)(G)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain emission rate below allowable limit.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.6(a)(1)(B)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failed to report an upset within 24 hours of the event.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for emissions event.

Classification: Minor

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for an emissions event.

Classification: Minor

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for an emissions event.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(4)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for an emissions event.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(4)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for an emissions event.

Failure to report all information required for emissions event.

Failure to report all information required for emissions event.

Failure to report all information required for emissions event.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(4)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report all information required for an emissions event.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(4)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)

Description: Failure to report all information required for an emissions event.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about August 12, 1998. By an August 31, 1998 letter to the Defendants, The TCEQ listed the violations observed during the investigation. A copy of the August 12, 1998 investigation, without attachments, is attached as Appendix A and incorporated herein for all purposes

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about March 12, 1999. By a March 22, 1999 letter to the Defendants, the TCEQ listed the violations observed during the investigation. A copy of the March 22, 1999, letter to the Defendants is attached as Appendix C and incorporated herein for all purposes.

Classification: Moderate

Citation: 5C THC Chapter 382, SubChapter A 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about June 17, 1999. The TCEQ describes the violation observed during the investigation in a July 9, 1999, Enforcement Action Referral. A copy of the July 9, 1999, Enforcement Action Referral, without attachments, is attached as Appendix D and incorporated herein for all purposes.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in investigations conducted at the Port Arthur, Texas refinery on or about June 14, 1999 and August 4, 1999. By June 30, 1999 and August 24, 1999, letters to the Defendants, the TCEQ listed the violations observed during the two investigations. A copy of the June 14, 1999 investigation, without attachments, is attached as Appendix E and incorporated

Classification: Minor

Citation: 5C THSC Chapter 382 382.085

Rqmt Prov:SC39A PERMIT

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about July 20, 2000. By a September 7, 2000, letter to the Defendants, the TCEQ listed the violations observed during the investigation. A copy of the July 20, 2000 investigation, without attachments, is attached as Appendix I and incorporated herein for all purposes

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Rqmt Prov:NA PERMIT

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in investigations conducted at the Port Arthur, Texas refinery on or about November

3, 2000, and March 26, 2001. By April 21, 2001 letter to the Defendants, the TCEQ listed the violations observed during the investigation. A copy of the November 3, 2000 investigation, without attachments, is attached as Appendix K and incorporated herein for all purposes

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to

implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about April 3, 2001. By April 24, 2001 letter to the Defendants, the TCEQ listed the violation observed during the investigation. A copy of the April 3, 2001 investigation, without attachments, is attached as Appendix N and incorporated herein for all purposes

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about November 12, 2003, referred to as investigation no. 258663. The investigation describes the violation in narrative form and identifies the violation by tracking number 150854 in the investigation. A copy of investigation no. 258663, without attachments

Classification: Minor

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about April 20, 2004 referred to as investigation no. 270296. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 161061 and 161062 in the investigation. A copy of investigation no. 270296, without attachments

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(a)

30 TAC Chapter 116, SubChapter G 116.715(c)(7)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Permit 6825A Special Condion 5B PA

PSD-TX-49 Special Condion 5B PA

Description: Failure to prevent unauthorized emissions release at the facility.

Classification: Minor

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about January 20, 2005, referred to as investigation no. 276009. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 188937, 188938, 188940, 188941, 188942, 188943, 188944, 188945, 188946, 188947, 188948, 188949, 188950, and

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 111, SubChapter A 111.111(a)(1)(B)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 25A PERMIT

Description: Failure to prevent visible emissions at the Atmospheric Vacuum Unit (AVU)-146 H-101 Heater.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter G 116.715(a)

5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the emission cap's hourly contribution limit.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(G)

30 TAC Chapter 101, SubChapter F 101.201(b)(7)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly notify the regional office of a reportable emissions event, which began on April 14, 2004 (STEERS Incident 37961).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)

30 TAC Chapter 101, SubChapter F 101.201(b)(8)

5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly identify authorized emissions limits for an emissions event, which began on April 14, 2004 (STEERS Incident 37961).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the emission cap limits.

Failure to maintain an emission rate below the emission cap limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(D)
30 TAC Chapter 101, SubChapter F 101.201(b)(4)
30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly notify the regional office of a reportable emissions event, which began on April 14, 2004 (STEERS Incident 37962).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly identify authorized emissions limits for an emissions event, which began on April 14, 2004 (STEERS Incident 37962).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the emission cap limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly notify the regional office of a reportable emissions event, which began on April 14, 2004 (STEERS Incident 38022).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(2)(H)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly identify authorized emissions limits for an emissions event, which began on April 14, 2004 (STEERS Incident 38022).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the emission cap limits.

Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter F 101.201(b)(7)
30 TAC Chapter 101, SubChapter F 101.201(b)(8)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to properly notify the regional office of a reportable emissions event, which began on April 14, 2004 (STEERS Incident 38026).

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the emission cap's hourly contribution limit.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about January 24, 2005, referred to as investigation no. 346253. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 190534, 190543, 190551, and 190558 in the investigation. A copy of

investigation no. 346253, without attachments . . .

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Permit 6825A, PSD-TX-49, SC 5A PA

Description: Failure to prevent unauthorized emissions from the Atmospheric Vacuum Unit (AVU) 146 during incident No. 32824.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to report an emission event (Incident No. 33539) within 24 hours

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:Permit 6825A, PSD-TX-49, SC 17C PA

Permit 6825A, PSD-TX-49, SC 5A PA

Description: Failure to prevent unauthorized emissions from the Scot 1 Incinerator during incident No. 33539 and failure to continuously monitor from hydrocarbon layer thickness by electronic gauge.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation conducted at the Port Arthur, Texas refinery on or about April 8, 2005, referred to as investigation no. 348169. The investigation describes the violations in narrative form and identifies the violation by tracking numbers 208879 in the investigation. A copy of investigation no. 348169, without attachments, is attached as Appendix U

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation the Port Arthur, Texas refinery on or about June 30, 2005, referred to as investigation no. 396901. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 210570 and 210577 in the investigation. A copy of investigation no. 396901, without attachments, is attached as Appendix V

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49 PERMIT

Description: Failure to prevent unauthorized emissions during Incident Nos. 40540, 40543, 51468, and 53830.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation the Port Arthur, Texas refinery on or about July 27, 2005, referred to as investigation no. 402102. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 212393 and 212460 in the investigation. A copy of investigation no. 402102, without attachments, is attached as Appendix X and incorpo

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49 PERMIT

Description: Failure to prevent unauthorized emissions during Incident Nos. 51075, 51078, 51081, 51084, and 51087.

Classification: Minor

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation the Port Arthur, Texas refinery on or about July 26, 2005, referred to as investigation no. 403310. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 213083, 213088, and 213090 in the investigation. A copy of investigation no. 403310, without attachments

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
30 TAC Chapter 101, SubChapter F 101.211(a)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to submit an initial notification for an emissions event.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
5C THC Chapter 382, SubChapter A 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

Description: Failure to maintain an emission rate below the allowable emission limit.

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation the Port Arthur, Texas refinery on or about August 8, 2005, referred to as investigation no. 337449. The investigation describes the violations in narrative form and identifies the violations by tracking numbers 214475 and 214478 in the investigation. A copy of investigation no. 337449, without attachments, is attached as Appendix Y

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter G 116.715(c)(9)
5C THC Chapter 382, SubChapter A 382.085(b)

Description: Failure to maintain the CO 9 Boiler bypass valve to prevent unauthorized emissions during normal operation from April 2004 to the end of February 2005. B13

Classification: Moderate

Citation: 5C THSC Chapter 382 382.085

Description: Defendants violated Section 382.085 of the TCAA, and regulations promulgated and permits issued to implement the TCAA, as documented in an investigation the Port Arthur, Texas refinery on or about August 29, 2005, referred to as investigation no. 418593. The investigation describes the violations in narrative form and identifies the violations by tracking number 218082 in the investigation. A copy of investigation no. 418593, without attachments, is attached as Appendix Z and

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Effective Date: 03/20/2010 ADMINORDER 2009-0511-AIR-E (1660 Order-Agreed Order With Denial)

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov:6825A/PSD-TX-49 PERMIT

O-01498 OP

Description: Failure to maintain an emission rate below the allowable emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

O-01498, GENERAL CONDITIONS OP

Description: Failure to maintain an emission rate below the allowable emission limits.

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter G 116.715(a)
30 TAC Chapter 116, SubChapter G 116.715(c)(7)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

Rqmt Prov:6825A/PSD-TX-49, SC 5A PERMIT

O-01498, GENERAL CONDITIONS OP

Description: Failure to maintain an emission rate below the allowable emission limits.

- 5 Effective Date: 11/18/2011 ADMINORDER 2010-0909-MLM-E (1660 Order-Agreed Order With Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 116, SubChapter G 116.715(c)(7)
 30 TAC Chapter 122, SubChapter B 122.143(4)

 5C THSC Chapter 382 382.085(b)
 Rqmt Prov:FOP O1498, GTC OP
 FOP O1498, STC 18 OP
 NSR Permit 6825A, SC 1 PERMIT
 Description: Failed to prevent unauthorized emissions at the Port Arthur Refinery.
 Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(A)
 30 TAC Chapter 101, SubChapter F 101.201(a)(1)(B)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov:FOP O1498 OP
 FOP O1498, GTC OP
 Description: Failed to submit an initial report within 24 hours for Incident No. 134571 at the Port Arthur Refinery.
 Specifically, the incident occurred on January 15, 2010 at 5:51 p.m., but was not reported until January 18, 2010 at 9:20 a.m.
- 6 Effective Date: 02/18/2012 ADMINORDER 2011-1355-AIR-E (1660 Order-Agreed Order With Denial)
 Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter G 116.715(a)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov:FOP O1498 STC 18 OP
 FOP O1498, General Terms and Conditions OP
 NSR Permit 6825A, SC 1 PERMIT
 Description: Failed to prevent unauthorized emissions.
 Classification: Moderate
 Citation: 30 TAC Chapter 106, SubChapter A 106.4(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov:FOP O2228 OP
 FOP O2228, STC 14 OP
 Description: Failed to prevent unauthorized emissions.
 Classification: Moderate
 Citation: 30 TAC Chapter 106, SubChapter A 106.4(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 Rqmt Prov:FOP O2228, General Terms and Conditions OP
 FOP O2228, STC 14 OP
 Description: Failed to prevent unauthorized emissions.

See addendum for information regarding federal actions.

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	June 29, 2009	(760309)
Item 2	August 26, 2009	(763057)
Item 3	August 28, 2009	(761367)
Item 4	August 31, 2009	(762200)

Item 5	October 07, 2009	(775036)
Item 6	October 13, 2009	(766946)
Item 7	October 14, 2009	(767494)
Item 8	November 06, 2009	(764488)
Item 9	December 09, 2009	(784945)
Item 10	December 11, 2009	(783903)
Item 11	December 21, 2009	(781035)

Item 12	December 23, 2009	(785403)
Item 13	January 29, 2010	(786198)
Item 14	February 01, 2010	(788081)
Item 15	March 19, 2010	(795261)
Item 16	May 06, 2010	(800545)
Item 17	May 24, 2010	(801617)
Item 18	June 01, 2010	(788840)
Item 19	June 02, 2010	(803054)
Item 20	June 07, 2010	(825637)
Item 21	June 11, 2010	(824255)
Item 22	August 02, 2010	(842714)
Item 23	November 15, 2010	(871779)
Item 24	November 30, 2010	(872652)
Item 25	April 15, 2011	(906545)
Item 26	October 25, 2011	(956400)
Item 27	October 29, 2011	(956377)
Item 28	November 02, 2011	(951193)
Item 29	November 29, 2011	(963859)
Item 30	January 17, 2012	(976419)
Item 31	February 17, 2012	(983674)
Item 32	February 21, 2012	(987303)
Item 33	March 16, 2012	(994426)
Item 34	March 23, 2012	(988369)
Item 35	April 30, 2012	(988371)
Item 36	May 17, 2012	(995645)
Item 37	August 07, 2012	(1019646)
Item 38	August 14, 2012	(1023815)
Item 39	August 28, 2012	(1023318)
Item 40	September 11, 2012	(1023427)
Item 41	October 11, 2012	(1036849)
Item 42	October 13, 2012	(1028000)
Item 43	October 15, 2012	(1036124)
Item 44	November 20, 2012	(1042742)
Item 45	February 20, 2013	(1051546)
Item 46	April 30, 2013	(1086243)
Item 47	August 08, 2013	(1109778)
Item 48	August 17, 2013	(1113514)
Item 49	August 26, 2013	(1113154)
Item 50	August 27, 2013	(1115289)
Item 51	October 30, 2013	(1123618)
Item 52	February 27, 2014	(1140405)
Item 53	February 28, 2014	(1152033)
Item 54	April 21, 2014	(1163529)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

1	Date:	05/09/2013	(1076957)	
	Self Report?	NO		Classification: Moderate
	Citation:	30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4) 5C THSC Chapter 382 382.085(b) General Terms and Conditions OP		

Special Condition 14B PERMIT
Special Condition 18 OP

Description: Failure to sample the cooling water for total dissolved solids (TDS).
Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.780
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(2)(i)

40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1568(a)(1)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 1A OP
Special Condition 3A PERMIT
Special Condition 5B PERMIT

Description: Failure to maintain the 12-hour average concentration of Sulfur Dioxide (SO₂) at or below 250 ppmv as reported in the FOP O-2229 semi-annual deviation report for the reporting period of January 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 25C PERMIT

Description: Failure to limit the refinery fuel gas to no more than 10 grains total sulfur per dry standard cubic feet (dscf) or 160 ppmv on a 1-hour rolling average as reported in the FOP O-2229 semi-annual deviation reports for the reporting periods of January 1, 2012, through June 30, 2012, and July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
5C THSC Chapter 382 382.085
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 1A OP
Special Condition 46E PERMIT
Special Condition 5A PERMIT

Description: Failure to install a cap, blind flange, plug, or second valve on open-ended lines (OELs) as reported in the deviation reports for FOPs O-02229 covering the reporting periods of July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 115, SubChapter D 115.354(2)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(a)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 1A OP
Special Condition 46F PERMIT
Special Condition 5A PERMIT

Description: Failure to monitor a valve in VOC service as reported in the deviation reports for FOP O-02229 covering the reporting period of July 1, 2012, through December 31, 2012.

Date: 08/29/2013 (1104962)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)

General Terms and Conditions OP
Special Condition 18 OP
Special Condition 42F PERMIT

Description: Failure to limit Continuous Emission Monitoring System (CEMS) downtime to less than 5% as reported in the Federal Operating Permit (FOP) O-01498 semi-annual deviation reports for the reporting periods of January 1, 2012, through June 30, 2012, and July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 1A OP
Special Condition 6B PERMIT

Description: Failure to operate a flare with a flame present at all times and to continuously monitor the pilot flame by thermocouple or infrared monitor as reported in the FOP O-01498 semi-annual deviation reports for the reporting periods of January 1, 2012, through June 30, 2012, and July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
5C THSC Chapter 382 382.085
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 46E PA
Special Condition 5A PA
Special Conditions 1A OP

Description: Failure to install a plug, cap, or blind on an open-ended line for the FOP O-01498 as reported in the FOP O-01498 semi-annual deviation report for the reporting period of January 1, 2012, through June 30, 2012, and July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.100
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(3)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT A 63.11(b)(6)(ii)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 1A OP
Special Condition 6A PERMIT

Description: Failure to maintain the net heating value of the flare gas above 300 British Thermal Units (BTU) per standard cubic feet (SCF) as reported as reported in the FOP O-01498 semi-annual deviation report for the reporting period of January 1, 2012, through June 30, 2012.

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 25C PERMIT

Description: Failure to limit the refinery fuel gas to no more than 10 grains total sulfur per dry standard cubic feet (dscf) or 160 ppmv on a 1-hour rolling average as reported in the FOP O-01498 semi-annual deviation reports for the reporting periods of January 1, 2012, through June 30, 2012, and July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 23B PERMIT
Description: Failure to maintain the tail gas incinerator (TGI) Hydrogen Sulfide (H2S) concentrations below 5.0 parts per million (ppm) at 3% Oxygen as reported in the FOP O-01498 semi-annual deviation report for the reporting period of January 1, 2012, through June 30, 2012.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 3A PERMIT
Description: Failure to install, operate, calibrate, and maintain an instrument for continuously monitoring and recording the concentration of NOx emissions into the atmosphere as reported in the FOP O-01498 semi-annual deviation report for the reporting period of July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.780
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT J 60.104(a)(2)(i)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1568(a)(1)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 5B PERMIT
Description: Failure to limit the Sulfur Dioxide (SO2) concentration at or below 250 ppmv at zero percent excess air as reported in the FOP O-01498 semi-annual deviation report for the reporting period of July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Part 60, Subpart J 60.103
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 3A PERMIT
Description: Failure to comply with the Carbon Monoxide (CO) emission standard of 500 ppm per 1-hour as reported in the FOP O-01498 semi-annual deviation report for the reporting period of July 1, 2012, through December 31, 2012.

Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 24C PERMIT
Description: Failure to maintain the NOx emissions from the Hydrocracker Unit furnace as reported as reported in the FOP O-01498 semi-annual deviation report for the reporting period of July 1, 2012, through December 31, 2012.

3

Date: 11/22/2013 (1124668) CN601420748
Self Report? NO Classification: Moderate
Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.349(a)(2)(i)(C)
5C THSC Chapter 382 382.085(b)
General Terms and Condition OP
Special Condition 14 OP
Special Condition 1A OP

Description: Failure to maintain the temperature of the Regenerative Thermal Oxidizer (RTO) in the Waste Water Treatment Unit (WWTU) above 1400 F on April 14, 2013, from 1300 hours to 1500 hours.

4

Date: 11/26/2013 (1133465)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.4
5C THSC Chapter 382 382.085(b)

Description: Failure to prevent nuisance conditions.

5

Date: 02/14/2014 (1144920)

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
40 CFR Part 60, Subpart VV 60.482-6
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 46E PERMIT
Special Condition 5A PERMIT

Description: Failure to prevent the release of unauthorized emissions to the atmosphere.

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-5(a)
40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 18 OP
Special Condition 5A PERMIT

Description: Failure to equip each sampling system connection with a closed-purged, closed-loop, or closed-vent system.

6

Date: 04/23/2014 (1159082)

CN601420748

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 15 OP
Special Condition 19B PERMIT

Description: Failure to degas liquid sulfur to a H₂S content of 100 parts per million by weight (ppmw) prior to loading into tank trucks as reported in the FOP O-02229 semi-annual deviation report for the reporting periods of January 1, 2013, through June 30, 2013, and July 1, 2013, through December 31, 2013.

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(1)
30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT A 60.18(c)(2)
5C THSC Chapter 382 382.085(b)
General Terms and Conditions OP
Special Condition 15 OP
Special Condition 6B PERMIT

Description: Failure to continuously monitor the pilot flame by thermocouple or infrared monitor as reported in the FOP-02229 semi-annual deviation reports for the reporting periods of January 1, 2013, through June 30, 2013.

Self Report? NO

Classification: Moderate

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
30 TAC Chapter 113, SubChapter C 113.340
30 TAC Chapter 115, SubChapter D 115.352(4)
30 TAC Chapter 116, SubChapter B 116.115(c)
30 TAC Chapter 122, SubChapter B 122.143(4)
40 CFR Chapter 60, SubChapter C, PT 60, SubPT GGG 60.592(a)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-6(a)(1)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
 5C THSC Chapter 382 382.085(b)
 General Terms and Conditions OP
 Special Condition 15 OP
 Special Condition 1A OP
 Special Condition 46E PERMIT
 Special Condition 5A PERMIT

Description: Failure to install a plug, cap, or blind on an open-ended line as reported in the FOP O-2229 semi-annual deviation report covering the reporting periods of January 1, 2013, through June 30, 2013, and July 1, 2013, through December 31, 2013.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)
 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 5C THSC Chapter 382 382.085(b)
 General Terms and Conditions OP
 Special Condition 15 OP
 Special Condition 25C PERMIT

Description: Failure to limit the refinery fuel gas to no more than 10 grains total sulfur per dry standard cubic feet (dscf) or 160 ppmv on a 1-hour rolling average as reported in the FOP O-2229 semi-annual deviation reports for the reporting periods of January 1, 2013, through June 30, 2013, and July 1, 2013, through December 31, 2013.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 115, SubChapter D 115.352(2)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.482-7(d)(2)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
 5C THSC Chapter 382 382.085(b)
 General Terms and Conditions OP
 Special Condition 15 OP
 Special Condition 46H PERMIT
 Special Condition 5A PERMIT

Description: Failure to make the first attempt of repair within five days as reported in the FOP O-02229 semi-annual deviation report for the reporting period of July 1, 2013, through December 31, 2013.

Self Report? NO Classification: Moderate
 Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)
 30 TAC Chapter 122, SubChapter B 122.145(2)(A)
 30 TAC Chapter 122, SubChapter B 122.146(1)
 5C THSC Chapter 382 382.085(b)
 General Terms and Conditions OP

Description: Failure to report a deviation and accurately certify compliance in the FOP O-02229 within the semi-annual deviation reports dated 06/30/2012, 12/31/2012, and 06/30/2013.

Self Report? NO Classification: Minor
 Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)
 30 TAC Chapter 122, SubChapter B 122.143(4)
 40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.487(c)(2)(vii)
 40 CFR Chapter 63, SubChapter C, PT 63, SubPT AA 63.648(a)
 5C THSC Chapter 382 382.085(b)
 General Terms and Conditions OP
 Special Condition 15 OP
 Special Condition 5A PERMIT

Description: Failure to identify reasons for delay of repair for components within the 40 CFR 60 Subpart VV semi-annual reports dated June 30, 2012, December 31, 2012, and June 30, 2013

F. Environmental audits:

Notice of Intent Date: 08/21/2009 (775707)

Disclosure Date: 09/08/2010

Viol. Classification: Moderate

Citation: 40 CFR Chapter 122, SubChapter D, PT 122, SubPT C 122.41(a)

Rqmt Prov: PERMIT TPDES Permit # 00309, Pg 20, Cond. 10

Description: Failure to notify the regulatory agency of azure blue dye use. Azure blue dye was being used to treat the tertiary treatment pond, to limit algae growth, without the permit required notifications to the regulatory agency. An initial notification of application was submitted on March 8, 2007 but no further notifications have been made. Dye application typically ends in the Fall, and resumes each Spring. Notifications were not made in 2008 or 2009.

Viol. Classification: Minor
Citation: 40 CFR Chapter 110, SubChapter D, PT 110.112.5(b)
Description: Failed to sign or date the SPCC Plan Form. Figure E-2 of the SPCC Plan contained an "Acknowledgement of SPCC Review" but the form was not signed or dated.
Viol. Classification: Major
Citation: 40 CFR Chapter 122, SubChapter D, PT 122, SubPT B 122.26
Rqmt Prov: PERMIT TPDES Permit # 00309, Condition 9
Description: Failed to implement a SWP3 plan for 7 demolition projects. These projects include the MEK Unit, Pump House #1, Decoker, 9 CO Boiler and Precipitator, 11 Boiler House, 11 Warehouse and the ISOM Unit. Field visits indicated that all the projects had been completed with the exception of the MEK Unit and Boiler House No. 11 projects which are in progress. An expansion project began in the 3rd Quarter, 2007 but no plan was implemented until November, 2008. A final plan was dated February 6, 2009

Notice of Intent Date: 02/18/2011 (905312)
No DOV Associated

Notice of Intent Date: 06/10/2011 (934095)
No DOV Associated

Notice of Intent Date: 01/19/2012 (988335)
No DOV Associated

Notice of Intent Date: 05/01/2012 (1014133)
No DOV Associated

Notice of Intent Date: 10/17/2012 (1058561)
Disclosure Date: 01/28/2013
Viol. Classification: Minor
Citation: 40 CFR Part 61, Subpart FF 61.356(f)(2)(i)(G)
Description: Failed to be able to locate a certification letter and corresponding design calculation for a carbon adsorption system commissioned on an oil water sump at RSU 1747.
Viol. Classification: Minor
Citation: 40 CFR Chapter 63, SubChapter C, PT 63, SubPT UUU 63.1574(f)
Description: Failed to have an operation, maintenance and monitoring plan for the bypass lines on SRU-54. The lines are HV-1806 for SRU-545 and HV-2682 for SRU-546.

Notice of Intent Date: 07/25/2013 (1105606)
No DOV Associated

G. Type of environmental management systems (EMSs):

1 ENVIRONMENTAL MANAGEMENT SYSTEM NON 30 TAC CH 90 CERTIFIED

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

Addendum to Compliance History Federal Enforcement Actions

Reg Entity Name: THE PREMCOR REFINING GROUP INC

Reg Entity Add: 1801 SOUTH GULFWAY DRIVE

Reg Entity City: PORT ARTHUR

Reg Entity No: RN102584026

Customer Name: The premcor Refining Group, Inc.

Customer No: CN601420748

EPA Case No: 06-2013-0905

Order Issue Date (yyyymmdd): 20130401

Case Result:

Statute: RCRA

Sect of Statute: 3013

Classification: Minor

Program: Solid Waste Managemen

Citation:

Violation Type:

Cite Sect:

Cite Part:

Enforcement Action: Administrative Compliance Order

Customer Name: Valero Energy Corporation

Customer No: CN600127468

EPA Case No: 06-2011-0975

Order Issue Date (yyyymmdd): 20111118

Case Result:

Statute: RCRA

Sect of Statute: 3013

Classification: Minor

Program: RCRA Corrective Action

Citation:

Violation Type:

Cite Sect:

Cite Part:

Enforcement Action: Administrative Compliance Orders

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



**IN THE MATTER OF AN
ENFORCEMENT ACTION
CONCERNING
THE PREMCOR REFINING
GROUP INC.
RN102584026**

§ **BEFORE THE**
§
§ **TEXAS COMMISSION ON**
§
§
§ **ENVIRONMENTAL QUALITY**

AGREED ORDER DOCKET NO. 2014-0630-AIR-E

I. JURISDICTION AND STIPULATIONS

On _____, the Texas Commission on Environmental Quality ("the Commission" or "TCEQ") considered this agreement of the parties, resolving an enforcement action regarding The Premcor Refining Group Inc. ("Respondent") under the authority of TEX. HEALTH & SAFETY CODE ch. 382 and TEX. WATER CODE ch. 7. The Executive Director of the TCEQ, through the Enforcement Division, and the Respondent together stipulate that:

1. The Respondent owns and operates a petroleum refinery at 1801 South Gulfway Drive in Port Arthur, Jefferson County, Texas (the "Plant").
2. The Plant consists of one or more sources as defined in TEX. HEALTH & SAFETY CODE § 382.003(12).
3. The Executive Director and the Respondent agree that the Commission has jurisdiction to enter this Agreed Order, and that the Respondent is subject to the Commission's jurisdiction.
4. The Respondent received notices of the violations alleged in Section II ("Allegations") on or about April 12, 2014, April 15, 2014, and April 21, 2014.
5. The occurrence of any violation is in dispute and the entry of this Agreed Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
6. An administrative penalty in the amount of Forty-One Thousand Two Hundred Fifty Dollars (\$41,250) is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent has paid Sixteen Thousand Five Hundred

Dollars (\$16,500) of the administrative penalty and Eight Thousand Two Hundred Fifty Dollars (\$8,250) is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Agreed Order. The deferred amount will be waived upon full compliance with the terms of this Agreed Order. If the Respondent fails to timely and satisfactorily comply with all requirements of this Agreed Order, the Executive Director may require the Respondent to pay all or part of the deferred penalty. Sixteen Thousand Five Hundred Dollars (\$16,500) shall be conditionally offset by the Respondent's completion of a Supplemental Environmental Project ("SEP").

7. Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
8. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 TEX. ADMIN. CODE § 70.10(a).
9. The Executive Director recognizes that the Respondent has implemented the following corrective measures at the Plant:
 - a. In order to prevent similar emissions events as Incident No. 185296:
 - i. On September 19, 2013, clarified operating procedure language to use a portable temperature gun to shoot the Fractionator bottom line (located between TP1295A and TP1295B) and to verify the temperature is close to the Fractionator cone temperature (TI1208); modified operating procedures which included checking skin cone temperatures and adding the Fractionator bottom temperature indicator ("TI") number and the Fractionator cone TI number to the operating procedure; and added red "Warning" boxes explaining the dangers of water in the bottom of the tower and its importance to monitor the Fractionator cone temperature versus the Fractionator bottom temperature;
 - ii. On November 1, 2013, issued a high learning value event bulletin emphasizing the dangers and potential damage of free water in hot tower services; and
 - iii. On December 18, 2013, initiated an engineering work request to perform the engineering evaluation of the Fractionator design.
 - b. On January 22, 2014, repaired and conducted functionality testing of the K-2300B speed control system and replaced the K-2300A speed control system with the refurbished speed control system that was on the K-2300B Compressor in order to prevent similar emissions events as Incident No. 190030.
10. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Agreed Order.

11. This Agreed Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Agreed Order, whichever is later.
12. The provisions of this Agreed Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Agreed Order unenforceable, the remaining provisions shall be valid and enforceable.

II. ALLEGATIONS

As owner and operator of the Plant, the Respondent is alleged to have:

1. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), Federal Operating Permit ("FOP") No. 01498, Special Terms and Conditions ("STC") No. 18, and New Source Review Permit ("NSRP") Nos. 6825A, PSDTX49, and N65, Special Conditions ("SC") No. 1, as documented during an investigation conducted on March 18, 2014. Specifically, the Respondent released 28.89 pounds ("lbs") of sulfur dioxide ("SO₂"), 985.76 lbs of volatile organic compounds ("VOC"), 0.06 lb of particulate matter ("PM"), 14,124.99 lbs of carbon monoxide ("CO"), 1.11 lbs of nitrogen oxides ("NO_x"), and 3.82 lbs of hydrogen sulfide ("H₂S") during an emissions event (Incident No. 185296) that began on July 9, 2013 and lasted 55 hours and 53 minutes. These emissions were released from Emissions Point Numbers ("EPNs") F-103-FLARE, F-19-FLARE, F-22-FLARE, F-1241, and E-01-WGS. The event occurred when the Fluid Catalytic Cracking Unit 1241 shut down due to an upset during unit restart. The lost power to the main slide valve breaker closed all side valves, after which power was quickly restored. However, restart of the unit was unsuccessful, during which time the bottom cone of the Fractionator tower became plugged with coke and water causing the tower to overpressure. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.
2. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), FOP No. 01498, STC No. 18, and NSRP Nos. 6825A, PSDTX49, and N65, SC No. 1, as documented during an investigation conducted on February 10, 2014. Specifically, the Respondent released 13,252 lbs of SO₂, 190.09 lbs of VOC, 18 lbs of PM, 267 lbs of CO, 32 lbs of NO_x, and 144 lbs of H₂S during an emissions event (Incident No. 189180) that occurred on October 6, 2013 and lasted seven hours and 30 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to a malfunction with Turbine K-2300B that resulted in thrusting and eventual shutdown of Wet Gas Compressor ("WGC") K-2300B. Flaring of excess wet gas occurred intermittently and the cause of the thrust bearing failure was due to the loss of lubrication film from water on the thrust bearing. Since this event could have been avoided by better operation and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.
3. Failed to prevent unauthorized emissions, in violation of 30 TEX. ADMIN. CODE §§ 101.20(3), 116.115(b)(2)(F), 116.115(c), and 122.143(4), TEX. HEALTH & SAFETY CODE § 382.085(b), FOP No. 01498, STC No. 18, and NSRP Nos. 6825A, PSDTX49, and N65,

SC No. 1, as documented during an investigation conducted on February 28, 2014. Specifically, the Respondent released 8,020.00 lbs of SO₂, 48.77 lbs of VOC, 7.80 lbs of PM, 203.40 lbs of CO, 25.40 lbs of NO_x, and 87.10 lbs of H₂S during an emissions event (Incident No. 190030) that occurred on October 27, 2013 and lasted three hours and 31 minutes. These emissions were released from EPNs F-103-FLARE, F-19-FLARE, and F-22-FLARE. The event occurred due to the surging of WGC K-2300B which resulted in intermittent flaring. The suspected cause of the surging is slight sticking of the actuator linkage. Excessive sticking and friction in the power piston actuator caused the compressor suction to build pressure that resulted in flaring. Since this event could have been avoided by better operational practices, the Respondent is precluded from asserting an affirmative defense under 30 TEX. ADMIN. CODE § 101.222.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

1. It is, therefore, ordered by the TCEQ that the Respondent pay an administrative penalty as set forth in Section I, Paragraph 6 above. The payment of this administrative penalty and the Respondent's compliance with all the terms and conditions set forth in this Agreed Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Administrative penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: The Premcor Refining Group Inc., Docket No. 2014-0630-AIR-E" to:

Financial Administration Division, Revenue Operations Section
Attention: Cashier's Office, MC 214
Texas Commission on Environmental Quality
P.O. Box 13088
Austin, Texas 78711-3088
2. The Respondent shall implement and complete a SEP in accordance with TEX. WATER CODE § 7.067. As set forth in Section I, Paragraph 6 above, Sixteen Thousand Five Hundred Dollars (\$16,500) of the assessed administrative penalty shall be offset with the condition that the Respondent implements the SEP defined in Attachment A, incorporated herein by reference. The Respondent's obligation to pay the conditionally offset portion of the administrative penalty assessed shall be discharged upon final completion of all provisions of the SEP agreement.
3. It is further ordered that the Respondent shall undertake the following technical requirements:
 - a. Within 30 days after the effective date of this Agreed Order, implement measures and/or procedures designed to prevent recurrence of emissions events due to similar causes as Incident No. 189180; and

- b. Within 45 days after the effective date of this Agreed Order, submit written certification as described below, and include detailed supporting documentation including photographs, receipts, and/or other records to demonstrate compliance with Ordering Provision No. 3.a. The certification shall be notarized by a State of Texas Notary Public and include the following certification language:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

The certification shall be submitted to:

Order Compliance Team
Enforcement Division, MC 149A
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

with a copy to:

Air Section Manager
Beaumont Regional Office
Texas Commission on Environmental Quality
3870 Eastex Freeway
Beaumont, Texas 77703-1892

4. The provisions of this Agreed Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of the Agreed Order to personnel who maintain day-to-day control over the Plant operations referenced in this Agreed Order.
5. If the Respondent fails to comply with any of the Ordering Provisions in this Agreed Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Agreed Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
6. The Executive Director may grant an extension of any deadline in this Agreed Order or in any plan, report, or other document submitted pursuant to this Agreed Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.

7. This Agreed Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the terms of this Agreed Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.
8. This Agreed Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Agreed Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Agreed Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms "electronic transmission", "owner", "person", "writing", and "written" shall have the meanings assigned to them under TEX. BUS. ORG. CODE § 1.002.
9. Under 30 TEX. ADMIN. CODE § 70.10(b), the effective date is the date of hand-delivery of the Order to the Respondent, or three days after the date on which the Commission mails notice of the Order to the Respondent, whichever is earlier.

SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

For the Commission


For the Executive Director

11/25/14
Date

I, the undersigned, have read and understand the attached Agreed Order. I am authorized to agree to the attached Agreed Order on behalf of the entity indicated below my signature, and I do agree to the terms and conditions specified therein. I further acknowledge that the TCEQ, in accepting payment for the penalty amount, is materially relying on such representation.

I also understand that failure to comply with the Ordering Provisions, if any, in this order and/or failure to timely pay the penalty amount, may result in:

- A negative impact on compliance history;
- Greater scrutiny of any permit applications submitted;
- Referral of this case to the Attorney General's Office for contempt, injunctive relief, additional penalties, and/or attorney fees, or to a collection agency;
- Increased penalties in any future enforcement actions;
- Automatic referral to the Attorney General's Office of any future enforcement actions;
- and
- TCEQ seeking other relief as authorized by law.

In addition, any falsification of any compliance documents may result in criminal prosecution.


Signature

VP + General Manager
~~Date~~

J. Greg Gentry
Name (Printed or typed)
Authorized Representative of
The Premcor Refining Group Inc.

9/5/14
~~Title~~

Instructions: Send the original, signed Agreed Order with penalty payment to the Financial Administration Division, Revenue Operations Section at the address in Section IV, Paragraph 1 of this Agreed Order.

Attachment A
Docket Number: 2014-0630-AIR-E
SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	The Premcor Refining Group Inc.
Penalty Amount:	Thirty-Three Thousand Dollars (\$33,000)
SEP Offset Amount:	Sixteen Thousand Five Hundred Dollars (\$16,500)
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP
Third-Party Administrator:	Southeast Texas Regional Planning Commission
Project Name:	<i>West Port Arthur Home Energy Efficiency Program - Lighthouse Program</i>
Location of SEP:	Jefferson County

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The offset is equal to the SEP Offset Amount set forth above and is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Southeast Texas Regional Planning Commission** for the *West Port Arthur Home Energy Efficiency Program - Lighthouse Program* Project. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the SEP Offset Amount will be used to hire a contractor to conduct initial inspections of eligible applicants' homes. The inspections will determine whether the home is in a condition suitable for weatherization and energy efficiency upgrades. Upgrades will not be completed at homes that need new roofs or significant foundation work. The contractor shall also determine what weatherization and energy efficiency upgrades are necessary and appropriate for the home and write a work plan. This contractor shall also conduct the final inspection of the home after the work is completed.

The Third-Party Administrator will conduct eligibility determinations to verify that participants own their homes and qualify as low-income. The Third-Party Administrator will also prepare all contracts with contractors and homeowners; coordinate between the contractors and the homeowners to answer questions; ensure that work is done timely and properly; and arrange for any necessary repairs to new equipment under the 12-

The Premcor Refining Group Inc.
Agreed Order - Attachment A

month warranty period after work is completed. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used for the direct cost of implementing the Project, including, but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that the Respondent has no prior commitment to make this contribution and that it is being contributed solely in an effort to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

b. Environmental Benefit

Implementation of this Project will benefit air by reducing residential fuel and electricity usage for heating and cooling. These reductions, in turn, will reduce emissions of particulate matter, volatile organic compounds, and the nitrogen oxides associated with the combustion of fuel and the generation of electricity. Past energy audits have shown a 12-30% reduction in energy usages after completion of the weatherization and energy upgrades.

c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Southeast Texas Regional Planning Commission SEP** and shall mail the contribution with a copy of the Agreed Order to:

Southeast Texas Regional Planning Commission
Attention: Pamela Lewis, Program Manager
2210 Eastex Freeway
Beaumont, Texas 77703

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, the Respondent shall provide the Enforcement SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality
Enforcement Division
Attention: SEP Coordinator, MC 219
P.O. Box 13087
Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality;" and shall mail it to:

Texas Commission on Environmental Quality
Litigation Division
Attention: SEP Coordinator, MC 175
P.O. Box 13087
Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP and/or project, made by or on behalf of the Respondent must include a clear statement that **the project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Clean Texas Program

The Respondent shall not include this SEP in any application made to TCEQ under the "Clean Texas" (or any successor) program(s). Similarly, the Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Attachment A and in the attached Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.